

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Qiang Shen

App. No.

10/729,110

Filed

December 5, 2003

For

SINGLE ENGINE TURBO DECODER WITH SINGLE FRAME SIZE BUFFER FOR

INTERLEAVING/DEINTER-

LEAVING

Group Art:

2133

Examiner:

Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

On: March 25, 2004

Barbara S. Kelly

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the subject application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (X) No additional fee is due because this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application, in accordance with 37 CFR §1.97(b).
- (XX) Copies of each of the references listed on the attached modified Form PTO-1449 are enclosed herewith. All of the listed references are in the English language.

Respectfully submitted,

Date: March 25, 2004

Signature Erik M. Vieira Registration No. 53,723

JAQUEZ & ASSOCIATES 750 B Street, Suite 2640 San Diego, CA 92101 (619) 238-1814 (voice) (619) 238-2426 (fax)

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SUSE SEVERAL SHEETS IF NECESSARY)

APPLICANT		
	Qiang	Shen

FILING DATE

December 5, 2003

GROUP 2133

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,446,747	08/29/95	Berrou	371	45	
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
	Claude Berrou, "Near Optimum Error Correcting Coding and Decoding: Turbo-Codes", IEEE Transactions on Communications, Vol. 44, No. 10, published October 1996, pp. 1261-1271.					

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\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.